AMENDMENTS TO THE CLAIMS:

Please cancel claims 7, 16 and 17. Applicants reserve the right to pursue this subject matter via a continuation application prior to issuance or abandonment of this or a continuing application.

Please amend claims 1 and 8-10 as follows.

LISTING OF THE CLAIMS

The listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) A variable displacement vane pump, comprising:

a housing having an inlet and an outlet communicating with a pump chamber formed in the housing;

a rotor rotably received within the housing, the rotor having at least one generally radially extending slot; and

a vane assembly pivotally received in each slot, wherein each vane assembly includes a rocker member having a rounded ~~curved~~ surface region pivotally mounted within the slot of the rotor.

2. (Cancelled).

3. (Previously Presented) The variable displacement vane pump of claim 1 further comprising a roller member received by and mounted for rotation relative to the rocker member.

4. (Original) The variable displacement vane pump of claim 3 wherein each rocker member includes a bearing surface surrounding at least one-quarter of a perimeter of the roller member.

5. (Original) The variable displacement vane pump of claim 4 wherein the bearing surface surrounds about 300 degrees of a perimeter of the roller member.

6. (Original) The variable displacement vane pump of claim 1 wherein the vane assembly includes a hydrostatic pad.

7. (Cancelled).

8. (Currently Amended) The pump of claim [[7]] 1 wherein the ~~recessed wall~~ slot comprises a driving wall portion having an arcuate bearing surface that receives the ~~vane assembly~~ rocker member.

9. (Currently Amended) The pump of claim [[7]] 1 wherein the ~~recessed wall~~ slot further comprises an arcuate leading wall portion.

10. (Currently Amended) The pump of claim 9 wherein the ~~vane assembly~~ rocker member ~~includes an arcuate leading~~ bearing surface ~~that~~ bears against the ~~recessed wall~~ slot arcuate leading wall portion.

11. (Original) A variable displacement vane pump comprising:

a housing;

a rotor received within the housing for rotation about a center of rotation, the rotor having a peripheral surface and a plurality of slots;

a rocker member received in each slot for pivoting movement therein;

a roller member received in each rocker member for rotation relative thereto;

first and second cam segments each operatively mounted within the housing and independently movable relative to and cooperatively with the rotor to create varying volumetric pumping chambers;

at least one inlet provided in the housing for introducing fluid into the plurality of pumping chambers; and

at least one outlet provided in the housing for discharging fluid from the plurality of pumping chambers.

12. (Original) The pump of claim 11 further comprising first and second port plates positioned on opposite axial sides of the rotor.

13. (Original) The pump of claim 12 wherein the first and second port plates define at least one pressure inlet channel for directing fluid into the plurality of

slots receiving the rocker members and at least one pressure outlet channel for directing fluid out of the plurality of slots receiving the rocker members.

14. (Original) The pump of claim 13 wherein the first and second port plates further define at least one pressure outlet channel for directing fluid out of a volume defined by the housing, the peripheral surface and the roller member, wherein the outlet channel for directing fluid out of the plurality of slots can direct nearly an equal volume of fluid as the outlet channel for directing fluid out of the volume defined by the housing, the peripheral surface and the roller member.

15. (Original) A variable vane displacement vane pump comprising:

a housing having a wall forming a pump chamber, an inlet and an outlet that communicates therewith;

a rotor rotatably received in the pump chamber having circumferentially spaced slots extending generally radially inward from a periphery of the rotor, each slot including an enlarged curvilinear pivot bearing surface and an arcuate sliding surface disposed on generally opposite sides of the rotor slot;

a rocker received in the slot having a partially cylindrical bearing hub dimensioned for pivoting receipt in the pivot bearing surface and an arcuate surface adapted for sliding movement radially inward and outward along the arcuate sliding surface of the rotor slot; and

a roller received in the rocker and extending outwardly therefrom for engagement with the pump chamber wall.

16. (Cancelled).

17. (Cancelled).